

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	257	laurent-d\$.in.	USPAT; EPO; JPO; DERWENT	2004/06/24 13:25
2	156	714/747.ccls.	USPAT; EPO; JPO; DERWENT	2004/06/24 13:25
3	1533	714/746.ccls.	USPAT; EPO; JPO; DERWENT	2004/06/24 13:26
4	9101	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1))	USPAT; EPO; JPO; DERWENT	2004/06/24 13:28
5	786	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1)) same detect\$4	USPAT; EPO; JPO; DERWENT	2004/06/24 13:28
6	186	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1)) same detect\$4	USPAT; EPO; JPO; DERWENT	2004/06/24 13:28
7	2660	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1)) and detect\$4 and correct\$4	USPAT; EPO; JPO; DERWENT	2004/06/24 13:29
8	575	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1)) and (error near3 detect\$4) and (error near3 correct\$4)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:29
9	555	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1)) and (error near2 detect\$4) and (error near2 correct\$4)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:31
10	86	(construct\$4 or reconstruct\$4) near5 (word\$1 or speech\$1 or (vocal adj2 language\$1)) and (error near2 detect\$4) and (error near2 correct\$4) and synthes\$3	USPAT; EPO; JPO; DERWENT	2004/06/24 13:32
11	58	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 language\$1)) and (error near2 detect\$4) and (error near2 correct\$4) and synthes\$3	USPAT; EPO; JPO; DERWENT	2004/06/24 13:33
12	58	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 language\$1)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist))	USPAT; EPO; JPO; DERWENT	2004/06/24 13:34
13	55	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 language\$1)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:36
14	0	(construct\$4 or reconstruct\$4) near5 ((speech\$1 adj3 element\$1) or (vocal adj2 language\$1)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:37
15	55	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 recogn\$5)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:38
16	0	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 recogn\$5)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory) and laurent-d\$.in.	USPAT; EPO; JPO; DERWENT	2004/06/24 13:39

17	2	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 recogn\$5)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory) and 714/747.ccls.	USPAT; EPO; JPO; DERWENT	2004/06/24 13:39
18	0	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 recogn\$5)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory) and 714/746.ccls.	USPAT; EPO; JPO; DERWENT	2004/06/24 13:39
19	3	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 recogn\$5)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (stor\$4 or memory) and (phonem\$2 or diphon\$2)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:40
20	3	(construct\$4 or reconstruct\$4) near5 (speech\$1 or (vocal adj2 recogn\$5)) and (error near2 detect\$4) and (error near2 correct\$4) and (synthes\$3 or (deriv\$3 adj2 netlist)) and (phonem\$2 or diphon\$2)	USPAT; EPO; JPO; DERWENT	2004/06/24 13:40

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.7Welcome
United States Patent and Trademark Office

» Sea

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **4** of **1046194** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard1 **Detection of vowel onset point in speech***Prasanna, S.R.M.; Zachariah, J.M.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). I International Conference on , Volume: 4 , 13-17 May 2002

Pages:IV-4159 vol.4

[\[Abstract\]](#)[\[PDF Full-Text \(208 KB\)\]](#)

IEEE CNF

2 **A marine mammal acoustic detection and localization algorithm using spectrogram image correlation***Ramaswamy, B.; Potty, G.R.; Miller, J.H.;*

OCEANS, 2001. MTS/IEEE Conference and Exhibition , Volume: 4 , 5-8 Nov. 2

Pages:2354 - 2358 vol.4

[\[Abstract\]](#)[\[PDF Full-Text \(531 KB\)\]](#)

IEEE CNF

3 **Correcting recognition errors in handwritten, vocalised Pitman's shorthand outlines using a Boltzmann machine***Leedham, C.G.; Qiao, Y.;*

Neural Nets in Human-Computer Interaction, IEE Colloquium on , 14 Dec 199

Pages:2/1 - 2/7

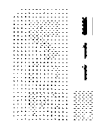
[\[Abstract\]](#)[\[PDF Full-Text \(348 KB\)\]](#)

IEEE CNF

4 **A new approach of LPC analysis based on the normalization of vocal tract length***Huang Ze-Zhen; Yan Xiang-Jun;*

Pattern Recognition, 1988., 9th International Conference on , 14-17 Nov. 198

Pages:634 - 636 vol.1



Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print FormatYour search matched **53** of **1046194** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

(speech<near/5>recognition)<and>(error<near/3>correc

[Search](#)☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Utilization of contextual constraints in automatic speech recognition**
Alter, R.;

Audio and Electroacoustics, IEEE Transactions on , Volume: 16 , Issue: 1 , Mar 1968

Pages:6 - 11

[\[Abstract\]](#) [\[PDF Full-Text \(672 KB\)\]](#) **IEEE JNL****2 Some experiments with a linguistic processor for continuous speech recognition**
Levinson, S.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 31 , Issue: 6 , Dec 1983

Pages:1549 - 1556

[\[Abstract\]](#) [\[PDF Full-Text \(968 KB\)\]](#) **IEEE JNL****3 On the use of linguistic consistency in systems for human-computer dialogues**
Esteve, Y.; Raymond, C.; De Mori, R.; Janiszek, D.;

Speech and Audio Processing, IEEE Transactions on , Volume: 11 , Issue: 6 , 2003

Pages:746 - 756

[\[Abstract\]](#) [\[PDF Full-Text \(521 KB\)\]](#) **IEEE JNL****4 Graceful degradation of speech recognition performance over packet erasure networks**
Boulis, C.; Ostendorf, M.; Riskin, E.A.; Otterson, S.;

Speech and Audio Processing, IEEE Transactions on , Volume: 10 , Issue: 8 ,

2002
Pages:580 - 590

[\[Abstract\]](#) [\[PDF Full-Text \(379 KB\)\]](#) IEEE JNL

5 An error-protected speech recognition system for wireless communications

Weerackody, V.; Reichl, W.; Potamianos, A.;

Wireless Communications, IEEE Transactions on , Volume: 1 , Issue: 2 , April
Pages:282 - 291

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) IEEE JNL

6 Interactive translation of conversational speech

Waibel, A.;

Computer , Volume: 29 , Issue: 7 , July 1996
Pages:41 - 48

[\[Abstract\]](#) [\[PDF Full-Text \(892 KB\)\]](#) IEEE JNL

7 On the generation and use of a parallel-branch subunit model in continuous HMM

Park, Y.K.; Un, C.K.;

Speech and Audio Processing, IEEE Transactions on , Volume: 4 , Issue: 4 , Ju
1996
Pages:290 - 293

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) IEEE JNL

8 Implementing the Viterbi algorithm

Lou, H.-L.;

Signal Processing Magazine, IEEE , Volume: 12 , Issue: 5 , Sept. 1995
Pages:42 - 52

[\[Abstract\]](#) [\[PDF Full-Text \(964 KB\)\]](#) IEEE JNL

9 Estimating hidden Markov model parameters so as to maximize spe recognition accuracy

Bahl, L.R.; Brown, P.F.; de Souza, P.V.; Mercer, R.L.;

Speech and Audio Processing, IEEE Transactions on , Volume: 1 , Issue: 1 , Ja
1993
Pages:77 - 83

[\[Abstract\]](#) [\[PDF Full-Text \(648 KB\)\]](#) IEEE JNL

10 Integrating detailed information into a language model

Ruiqiang Zhang; Black, E.; Finch, A.; Sagisaka, Y.;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 20
IEEE International Conference on , Volume: 3 , 5-9 June 2000
Pages:1595 - 1598 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE CNF

11 **A codec for speech recognition in a wireless system**

Reichl, W.; Weerackody, V.; Potamianos, A.;

EUROCOMM 2000. Information Systems for Enhanced Public Safety and Secur
IEEE/AFCEA , 17 May 2000

Pages:34 - 37

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) [IEEE CNF](#)

12 **Neural network noisy speech recognition and understanding with information feedback**

Jiang Minghu; Yuan Baozong; Lin Biqin;

Intelligent Processing Systems, 1997. ICIPS '97. 1997 IEEE International
Conference on , Volume: 2 , 28-31 Oct. 1997

Pages:1781 - 1784 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(438 KB\)\]](#) [IEEE CNF](#)

13 **Empirical evaluation of interactive multimodal error correction**

Suhm, B.;

Automatic Speech Recognition and Understanding, 1997. Proceedings., 1997
Workshop on , 14-17 Dec. 1997

Pages:583 - 590

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) [IEEE CNF](#)

14 **Noise tolerance of output-coded neural net**

Al-Mashouq, K.A.;

Digital Signal Processing Workshop Proceedings, 1996., IEEE , 1-4 Sept. 1996
Pages:442 - 445

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEEE CNF](#)

15 **Error correction via a post-processor for continuous speech recogn**

Ringger, E.K.; Allen, J.F.;

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference
Proceedings., 1996 IEEE International Conference on , Volume: 1 , 7-10 May
Pages:427 - 430 vol. 1

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved